

Title (en)
APPARATUS FOR MOVING OVER UNEVEN TERRAIN

Title (de)
VORRICHTUNG ZUM BEWEGEN ÜBER UNGLEICHES GELÄNDE

Title (fr)
DISPOSITIF DE DEPLACEMENT SUR UN TERRAIN IRREGULIER

Publication
EP 1015290 A1 20000705 (EN)

Application
EP 98945518 A 19980923

Priority
• IL 9800460 W 19980923
• IL 12183197 A 19970924

Abstract (en)
[origin: WO9915388A1] Apparatus (100) for moving over uneven terrain (102) including a support element (17), a pair of cams (5, 5') rotatingly attached to the support element (17), wherein one of the cams (5, 5') is shaped as the mirror-image of the other cam, a pair of runners (1, 1') each having a terrain contacting surface (90) and a cam/runner contacting surface (2, 3), and a pair of lifters (108, 108') each connected to one of the runners (1, 1'), each lifter (108, 108') having a cam/lifter contacting surface (2', 3'), the runners (1, 1') and the lifters (108, 108') being alternatively moved by the cams (5, 5'), wherein when one of the cams (5, 5') contacts the cam/runner contacting surface (2, 3) of one of the runners (1, 1'), the terrain contacting surface (90) of the runner (1, 1') contacts a terrain (102) thereby causing the apparatus to move in a direction of travel, while simultaneously the other cam (5, 5') contacts the cam/lifter contacting surface (2', 3') and lifts the lifter (108, 108') away from the terrain (102), thereby also lifting the other runner (1, 1') away from the terrain (102), and vice versa, such that the runners (1, 1') move along the terrain (102) by alternately contacting the terrain (102).

IPC 1-7
B62B 5/02

IPC 8 full level
B62B 5/02 (2006.01); **B62D 57/036** (2006.01)

CPC (source: EP)
B62B 5/025 (2013.01); **B62B 9/04** (2013.01)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9915388 A1 19990401; AU 9279698 A 19990412; CA 2304659 A1 19990401; EP 1015290 A1 20000705; EP 1015290 A4 20020410; IL 121831 A0 19980222; IL 121831 A 20010111; JP 2001517580 A 20011009

DOCDB simple family (application)
IL 9800460 W 19980923; AU 9279698 A 19980923; CA 2304659 A 19980923; EP 98945518 A 19980923; IL 12183197 A 19970924; JP 2000512722 A 19980923